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SESSION RESUMED IN FILE 'CAPLUS' AT 08:06:30 ON 05 JUN 2007
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	ENTRY	SESSION
FULL ESTIMATED COST	32.09	223.47
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-4.68	-4.68

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(FILE 'HOME' ENTERED AT 06:35:08 ON 05 JUN 2007)

L1 FILE 'CAPLUS' ENTERED AT 06:36:30 ON 05 JUN 2007
1 S US200!-510907/APPS

FILE 'REGISTRY' ENTERED AT 06:36:36 ON 05 JUN 2007

L2 FILE 'CAPLUS' ENTERED AT 06:36:39 ON 05 JUN 2007
TRA L1 1- RN : 274 TERMS

L3 FILE 'REGISTRY' ENTERED AT 06:36:39 ON 05 JUN 2007
274 SEA L2

L4 FILE 'REGISTRY' ENTERED AT 08:04:37 ON 05 JUN 2007
STRUCTURE UPLOADED

L5 1 S L4

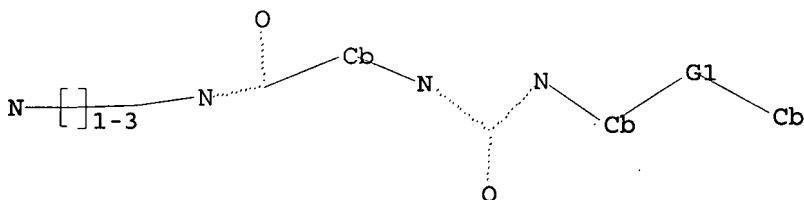
L6 66 S L4 SSS FULL

L7 FILE 'CAPLUS' ENTERED AT 08:05:48 ON 05 JUN 2007
6 S L6

=> d 14

L4 HAS NO ANSWERS

L4 STR



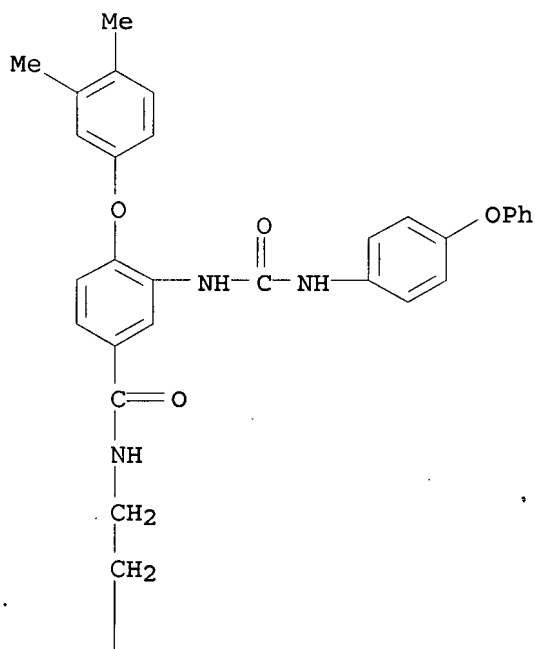
G1 O,N

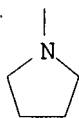
Structure attributes must be viewed using STN Express query preparation.

> d 17 tot bib abs hitstr

L7 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2006:874421 CAPLUS <<LOGINID::20070605>>
DN 145:376982
TI Solid-phase synthesis and structure-activity relationships of novel
biarylethers as melanin-concentrating hormone receptor-1 antagonists
AU Ma, Vu; Bannon, Anthony W.; Baumgartner, Jamie; Hale, Clarence; Hsieh,
Faye; Hulme, Christopher; Rorrer, Kirk; Salon, John; van Staden, Carlo;
Tempest, Paul
CS Chemistry Research and Discovery, Amgen Inc., Thousand Oaks, CA, 91320,
USA
SO Bioorganic & Medicinal Chemistry Letters (2006), 16(19), 5066-5072
CODEN: BMCLE8; ISSN: 0960-894X
PB Elsevier Ltd.
DT Journal
LA English
AB Melanin-concentrating hormone (MCH) is a cyclic 19 amino acid orexigenic
neuropeptide. The action of MCH on feeding is thought to involve the
activation of its resp. G protein-coupled receptor MCH-R1. Consequently,
antagonists that block MCH regulated MCH-R1 activity may provide a viable
approach to the treatment of diet-induced obesity. This communication
reports the discovery of a novel MCH-R1 receptor antagonist, which was
identified through high throughput screening. The solid-phase synthesis
and structure-activity relationship of related analogs is described.
IT 846020-68-6P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL
(Biological study); PREP (Preparation)
(solid phase synthesis and structure-activity relationships of
biarylethers as melanin-concentrating hormone receptor-1 antagonists
identified through high throughput screening)
RN 846020-68-6 CAPLUS
CN Benzamide, 4-(3,4-dimethylphenoxy)-3-[[[(4-phenoxyphenyl)amino]carbonyl]am
ino]-N-[2-(1-pyrrolidiny)ethyl]- (9CI) (CA INDEX NAME)

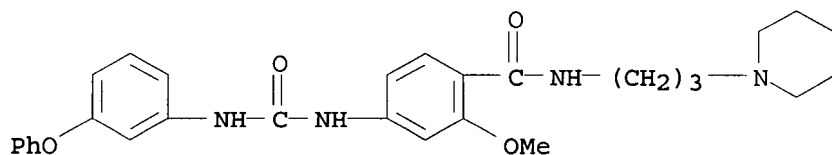
PAGE 1-A





RE.CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2006:315070 CAPLUS <<LOGINID::20070605>>
DN 145:285
TI Identification of 4-amino-2-cyclohexylaminoquinazolines as metabolically stable melanin-concentrating hormone receptor 1 antagonists
AU Kanuma, Kosuke; Omodera, Katsunori; Nishiguchi, Mariko; Funakoshi, Takeo; Chaki, Shigeyuki; Nagase, Yasuko; Iida, Izumi; Yamaguchi, Jun-ichi; Semple, Graeme; Tran, Thuy-Anh; Sekiguchi, Yoshinori
CS Medicinal Research Laboratories, Taisho Pharmaceutical Co. Ltd, Saitama, Saitama, 331-9530, Japan
SO Bioorganic & Medicinal Chemistry (2006), 14(10), 3307-3319
CODEN: BMECEP; ISSN: 0968-0896
PB Elsevier B.V.
DT Journal
LA English
AB The optimization of the distance between two key pharmacophore features within our first hit compds. led to the identification of a new class of potent non-peptidic antagonists for the MCH-R1, based around 4-amino-2-cyclohexylaminoquinazolines. In particular, ATC0065, N 2-[cis-4-({2-[4-Bromo-2-(trifluoromethoxy)phenyl]ethyl}amino)cyclohexyl]-N4,N4-dimethylquinazoline-2,4-diamine dihydrochloride, bound with high affinity to the MCH-R1 (IC50 value of 16 nM) and showed good metabolic stability in liver microsomes from human and rat.
IT 617245-27-9
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(amino cyclohexylaminoquinazolines as metabolically stable melanin-concentrating hormone receptor 1 antagonists)
RN 617245-27-9 CAPLUS
CN Benzamide, 2-methoxy-4-[[[(3-phenoxyphenyl)amino]carbonyl]amino]-N-[3-(1-piperidiny)propyl]- (9CI) (CA INDEX NAME)

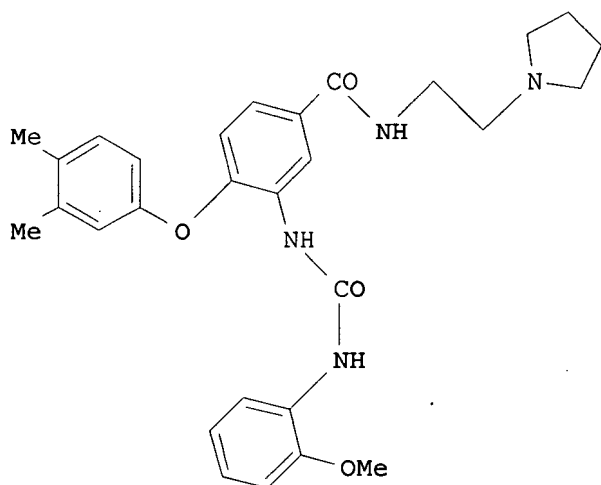


RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2005:182684 CAPLUS <<LOGINID::20070605>>
DN 142:254663
TI Amine-containing phenyl derivative melanin-concentrating hormone receptor antagonists for therapeutic use

IN Tempest, Paul; Hulme, Christopher; Ma, Vu
 PA Amgen, Inc., USA
 SO PCT Int. Appl., 319 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005019240	A2	20050303	WO 2004-US25970	20040811
	WO 2005019240	A3	20050506		
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	RW:				
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	AU 2004266228	A1	20050303		
	CA 2534428	A1	20050303	CA 2004-2534428	20040811
	US 2005256161	A1	20051117	US 2004-916219	20040811
	EP 1654225	A2	20060510	EP 2004-780754	20040811
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
	JP 2007502283	T	20070208	JP 2006-523322	20040811
PRAI	US 2003-494855P	P	20030813		
	WO 2004-US25970	W	20040811		
OS	MARPAT 142:254663				
GI					



I

AB The title compds., or pharmaceutically-acceptable salts, tautomers or prodrugs thereof, are provided. Also provided are methods for treating or preventing a melanin-concentrating hormone-mediated disorder in a subject, comprising administering to a subject in need of such treatment or prevention a compound of the invention. Preparation of compds, e.g. I, is

described.

IT 846020-68-6P

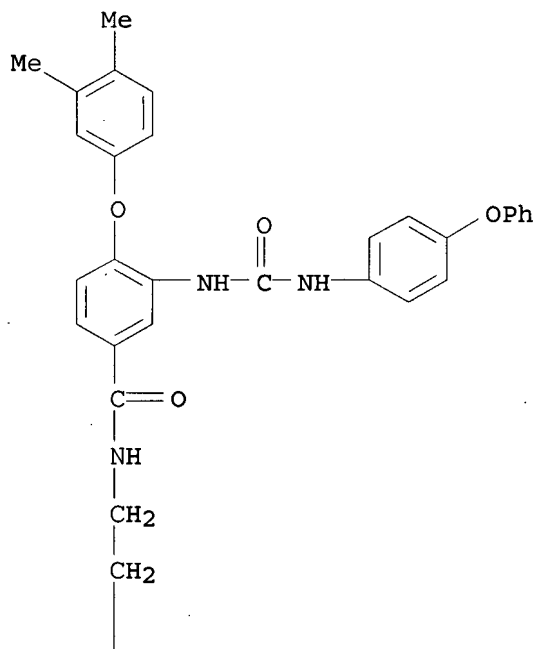
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(amine-containing Ph derivative melanin-concentrating hormone receptor antagonists for therapeutic use)

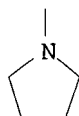
RN 846020-68-6 CAPLUS

CN Benzamide, 4-(3,4-dimethylphenoxy)-3-[[[(4-phenoxyphenyl)amino]carbonyl]amino]-N-[2-(1-pyrrolidinyl)ethyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 2-A



L7 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2004:767279 CAPLUS <<LOGINID::20070605>>

DN 141:405643

TI 4-Acylamino-and 4-ureidobenzamides as melanin-concentrating hormone (MCH) receptor 1 antagonists

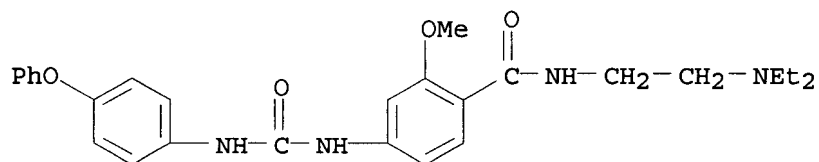
AU Receveur, Jean-Marie; Bjurling, Emelie; Ulven, Trond; Little, Paul Brian; Norregaard, Pia K.; Hoegberg, Thomas

CS 7TM Pharma A/S, Horsholm, DK-2970, Den.

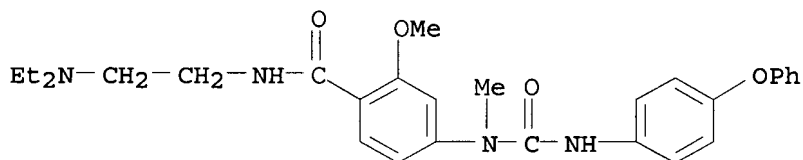
SO Bioorganic & Medicinal Chemistry Letters (2004), 14(20), 5075-5080
CODEN: BMCLE8; ISSN: 0960-894X

PB Elsevier B.V.

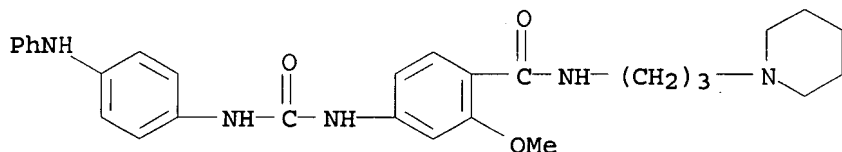
DT Journal
 LA English
 OS CASREACT 141:405643
 AB Synthesis, in vitro biol. evaluation and structure-activity relationships of 4-acylamino-and 4-ureidobenzamides as novel hMCH1R-antagonists are disclosed. The nature of the amine side chains could be varied considerably in contrast to the central benzamide scaffold and aromatic substituents.
 IT 617244-46-9 617244-63-0 617245-16-6
 617245-17-7 617245-26-8 617245-27-9
 617245-56-4 617245-67-7 617246-05-6
 617246-53-4 617246-60-3 791613-58-6
 791613-65-5 791613-66-6 791613-67-7
 791613-69-9
 RL: PAC (Pharmacological activity); PRP (Properties); BIOL (Biological study)
 (4-Acylamino-and 4-ureidobenzamides as melanin-concentrating hormone (MCH) receptor 1 antagonists)
 RN 617244-46-9 CAPLUS
 CN Benzamide, N-[2-(diethylamino)ethyl]-2-methoxy-4-[[[(4-phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



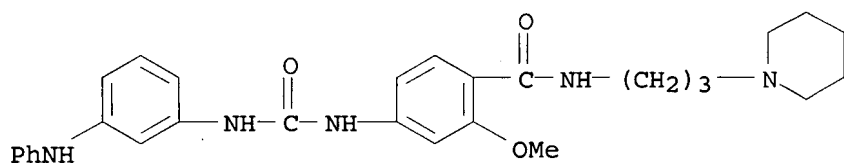
RN 617244-63-0 CAPLUS
 CN Benzamide, N-[2-(diethylamino)ethyl]-2-methoxy-4-[methyl[[[(4-phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



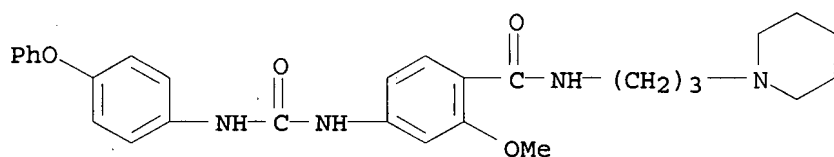
RN 617245-16-6 CAPLUS
 CN Benzamide, 2-methoxy-4-[[[4-(phenylamino)phenyl]amino]carbonyl]amino]-N-[3-(1-piperidinyl)propyl]- (9CI) (CA INDEX NAME)



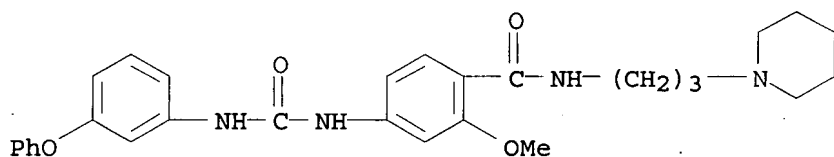
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 CN Benzamide, 2-methoxy-4-[[[3-(phenylamino)phenyl]amino]carbonyl]amino]-N-[3-(1-piperidinyl)propyl]- (9CI) (CA INDEX NAME)



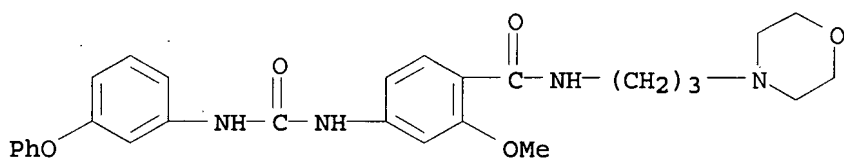
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 CN Benzamide, 2-methoxy-4-[[[(4-phenoxyphenyl)amino]carbonyl]amino]-N-[3-(1-piperidinyl)propyl]- (9CI) (CA INDEX NAME)



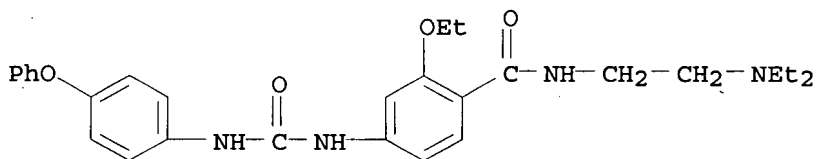
RN 617245-27-9 CAPLUS
 CN Benzamide, 2-methoxy-4-[[[(3-phenoxyphenyl)amino]carbonyl]amino]-N-[3-(1-piperidinyl)propyl]- (9CI) (CA INDEX NAME)



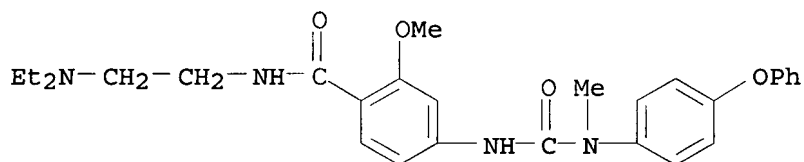
RN 617245-56-4 CAPLUS
 CN Benzamide, 2-methoxy-N-[3-(4-morpholinyl)propyl]-4-[[[(3-phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



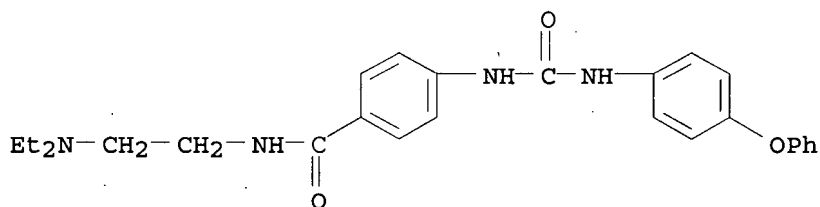
RN 617245-67-7 CAPLUS
 CN Benzamide, N-[2-(diethylamino)ethyl]-2-ethoxy-4-[[[(4-phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



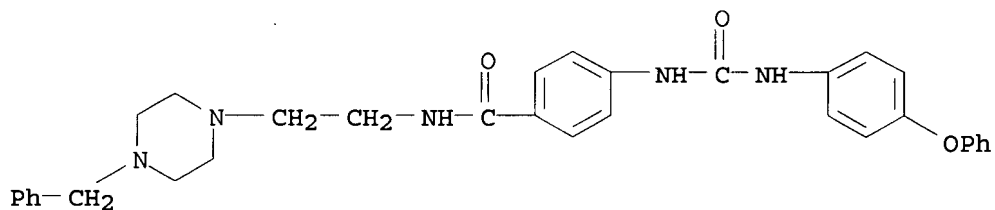
RN 617246-05-6 CAPLUS
 CN Benzamide, N-[2-(diethylamino)ethyl]-2-methoxy-4-[[[methyl(4-phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



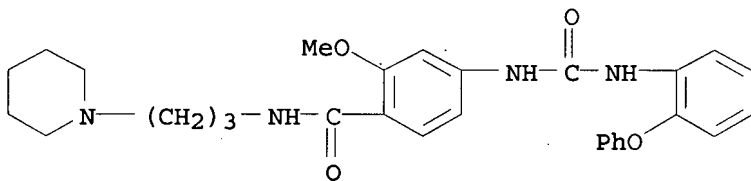
RN 617246-53-4 CAPLUS
 CN Benzamide, N-[2-(diethylamino)ethyl]-4-[[[(4-phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



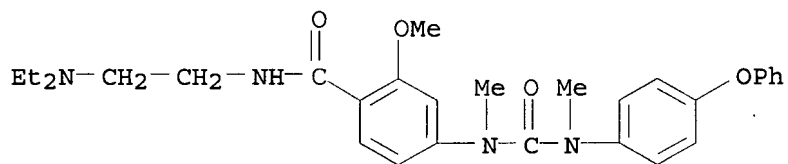
RN 617246-60-3 CAPLUS
 CN Benzamide, 4-[[[(4-phenoxyphenyl)amino]carbonyl]amino]-N-[2-[4-(phenylmethyl)-1-piperazinyl]ethyl]- (9CI) (CA INDEX NAME)



RN 791613-58-6 CAPLUS
 CN Benzamide, 2-methoxy-4-[[[(2-phenoxyphenyl)amino]carbonyl]amino]-N-[3-(1-piperidinyl)propyl]- (9CI) (CA INDEX NAME)

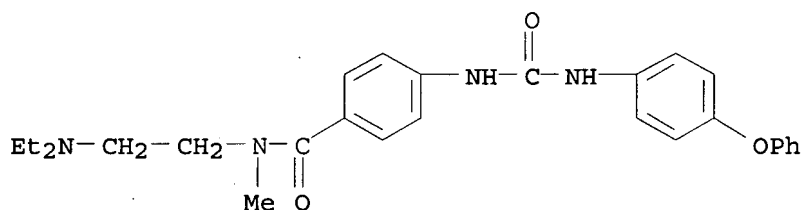


RN 791613-65-5 CAPLUS
 CN Benzamide, N-[2-(diethylamino)ethyl]-2-methoxy-4-[methyl[[methyl(4-phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



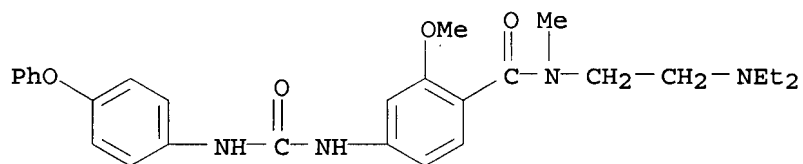
RN 791613-66-6 CAPLUS

CN Benzamide, N-[2-(diethylamino)ethyl]-N-methyl-4-[[[(4-phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



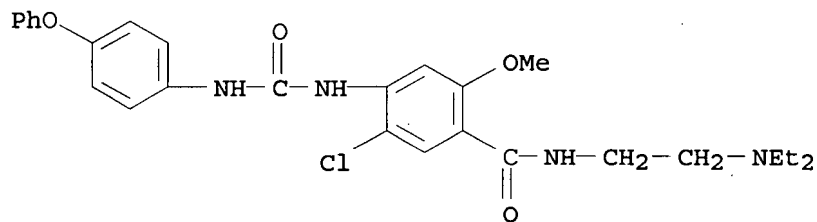
RN 791613-67-7 CAPLUS

CN Benzamide, N-[2-(diethylamino)ethyl]-2-methoxy-N-methyl-4-[[[(4-phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



RN 791613-69-9 CAPLUS

CN Benzamide, 5-chloro-N-[2-(diethylamino)ethyl]-2-methoxy-4-[[[(4-phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN

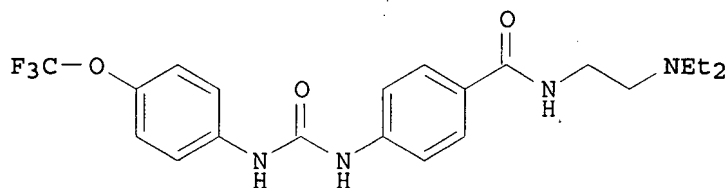
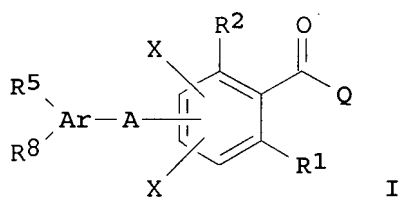
AN 2003:837035 CAPLUS <<LOGINID::20070605>>

DN 139:337787

TI Preparation of novel methoxybenzamides for use in MCH receptor related disorders

IN Hoegberg, Thomas; Bjurling, Anna Emelie; Receveur, Jean-Marie; Little,
 Paul Brian; Elling, Christian E.; Norregaard, Pia Karina; Ulven, Trond
 PA 7TM Pharma A/S, Den.
 SO PCT Int. Appl., 133 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003087045	A1	20031023	WO 2003-DK231	20030408
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	AU 2003226926	A1	20031027	AU 2003-226926	20030408
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	US 2006235035	A1	20061019	US 2005-510907	20050516
PRAI	DK 2002-519	A	20020409		
	DK 2002-520	A	20020409		
	DK 2002-524	A	20020409		
	DK 2002-1818	A	20021125		
	WO 2003-DK231	W	20030408		
OS	MARPAT 139:337787				
GI					



AB Title compds. I [wherein A = a linker, e.g. CHR7CONR7, CONR7, OCONR7, SO2NR7, CHR7NR7CO, NR7COR7, hexahydro-2-oxo-pyrimidine-1,3-diyl, 2-oxoimidazolidine-1,3-diyl, 1,2,4-oxadiazolediyl, 1,3,4-oxadiazolediyl, CH=CH, OCHR7, NR7CHR7, SCHR7, or (un)substituted imidazolediyl or 1,2,4-triazolediyl; Ar = independently (hetero)aryl; R1 = alkoxy; R2 = H, OH, NH2, or alkoxy; COQ = amino-substituted amide; R5 and R6 = independently H, halo, alkoxy, OH, (di)alkylamino, hydroxyalkyl,

carboxamido, acyl(amido), CHO, nitrile, alkyl, alkenyl, alkynyl, SMe, (fluoro)alkyl, (fluoro)alkoxy, (fluoro)thioalkoxy, SO₂NH₂, (di)alkylaminosulfonyl, or alkylsulfonyl; R₇ = independently H, alkyl, or alkenyl; R₈ = halo, (alkyl)(cyclo)alkyl, alkenyl, alkynyl, (alkyl)(hetero)aryl, (alkyl)heterocyclyl, (aryl)alkoxy, aryloxy, dialkylamino, (di)alkylcarbamoyl, (di)arylcarbamoyl, alkanoyl(amino), aroyl(amino), SMe, (fluoro)alkyl, (fluoro)alkoxy, (fluoro)thioalkoxy, or R₆ArB; B = a single bond or connecting moiety; X = H, halo, SMe, CF₃, OCF₃, SCF₃, OMe, alkyl, or alkenyl; and physiol. acceptable salts, complexes, solvates, and prodrugs thereof] were prepared as

melanin-concentrating

hormone (MCH) receptor modulators. For example, coupling of procainamide with 4-trifluoromethoxyphenyl isocyanate in the presence of TEA in CH₂Cl₂ gave II (59%). In assays of [¹²⁵I]-MCH binding and phosphatidylinositol turnover using transiently transfected COS-7 cells or stably transfected CHO cells expressing the human MCH-1 receptor, II exhibited activity with IC₅₀ values of 0.07 μM and 0.29 μM, resp. Administration of II (10 mg/kg i.p.) to male Sprague Dawley rats resulted in a significant reduction of their cumulative food intake over 6 h. Thus, I and their pharmaceutical compns. are useful in the treatment or prevention of obesity, depression, diabetes, bulimia, and other MCH receptor related disorders (no data).

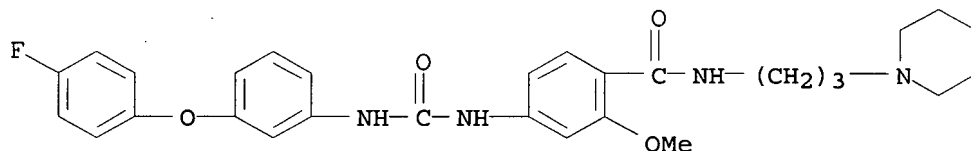
IT 617245-28-0P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(MCH receptor modulator; preparation of methoxybenzamides as MCH receptor modulators for treatment of obesity, depression, diabetes, bulimia, and related disorders)

RN 617245-28-0 CAPLUS

CN Benzamide, 4-[[[3-(4-fluorophenoxy)phenyl]amino]carbonyl]amino]-2-methoxy-N-[3-(1-piperidinyl)propyl]- (9CI) (CA INDEX NAME)

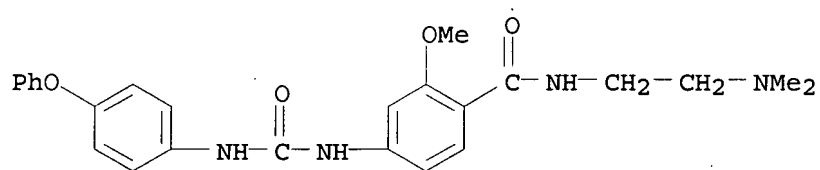


IT 617244-39-0P 617244-42-5P 617244-43-6P
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 617244-58-3P 617244-63-0P 617245-16-6P
 617245-17-7P 617245-18-8P 617245-20-2P
 617245-22-4P 617245-24-6P 617245-25-7P
 617245-26-8P 617245-27-9P 617245-29-1P
 617245-30-4P 617245-32-6P 617245-33-7P
 617245-39-3P 617245-41-7P 617245-42-8P
 617245-45-1P 617245-46-2P 617245-48-4P
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 617245-58-6P 617245-59-7P 617245-67-7P
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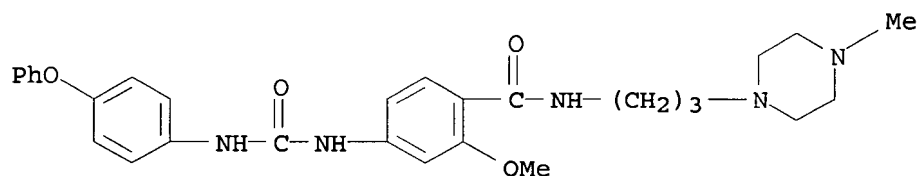
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(MCH receptor modulator; preparation of methoxybenzamides as MCH receptor modulators for treatment of obesity, depression, diabetes, bulimia, and related disorders)

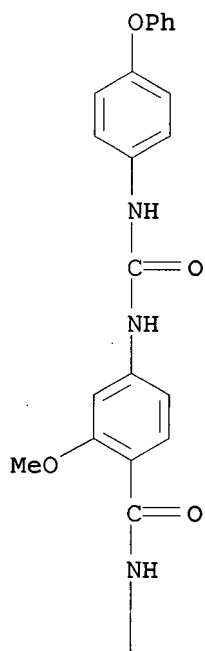
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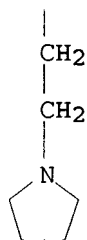


RN 617244-42-5 CAPLUS
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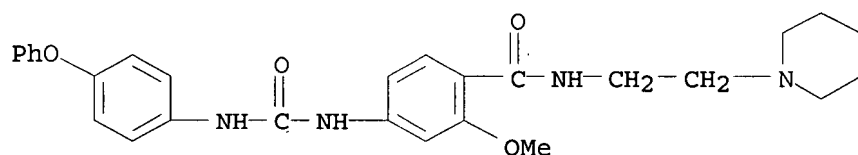


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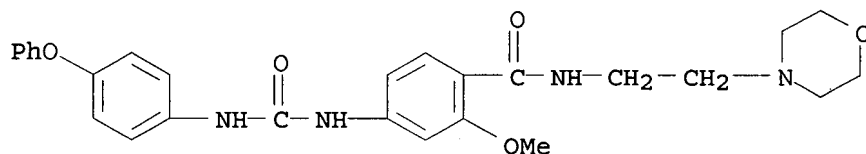




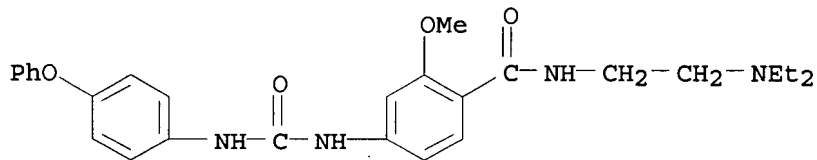
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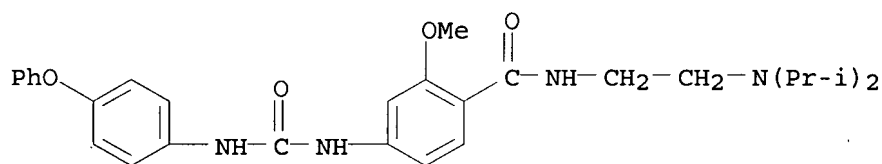
RN 617244-45-8 CAPLUS
 CN Benzamide, 2-methoxy-N-[2-(4-morpholinyl)ethyl]-4-[[[(4-phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



RN 617244-46-9 CAPLUS
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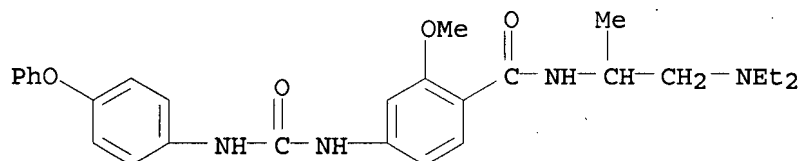


RN 617244-48-1 CAPLUS
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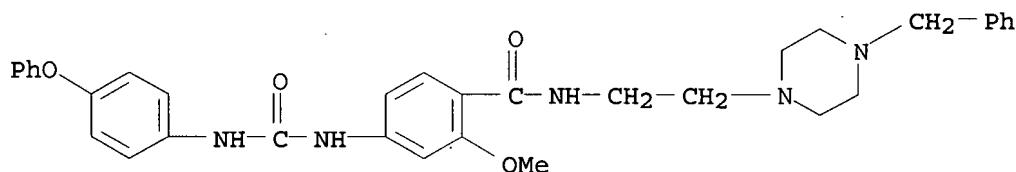
RN 617244-52-7 CAPLUS

CN Benzamide, N-[2-(diethylamino)-1-methylethyl]-2-methoxy-4-[[[(4-phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



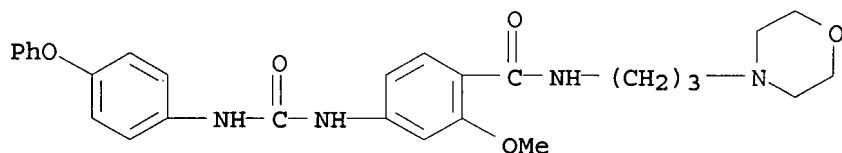
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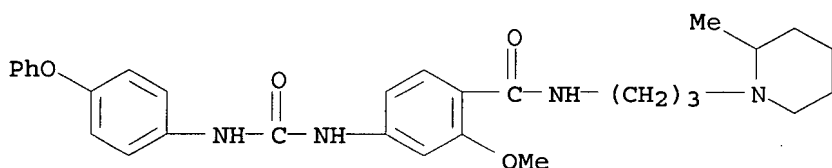
RN 617244-54-9 CAPLUS

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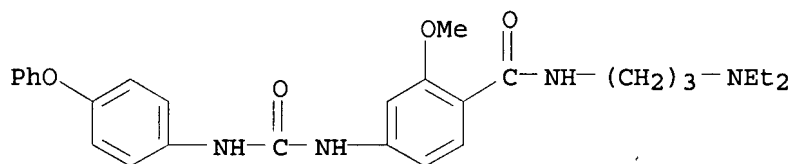


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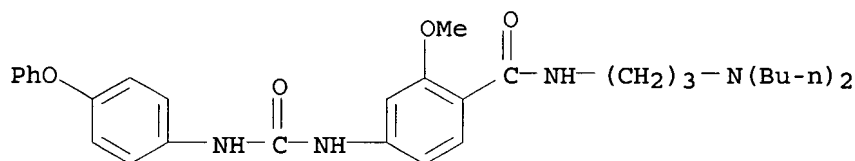
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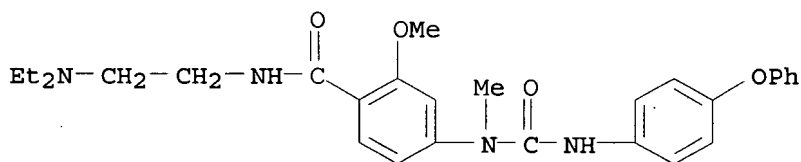
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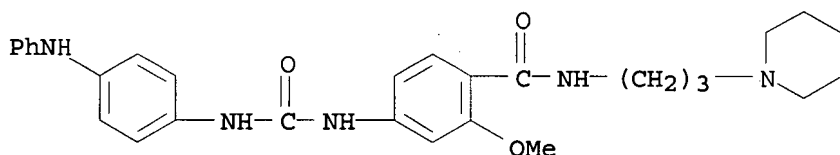
RN 617244-58-3 CAPLUS
 CN Benzamide, N-[3-(dibutylamino)propyl]-2-methoxy-4-[[[(4-phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



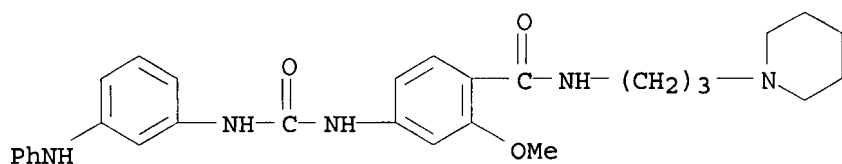
RN 617244-63-0 CAPLUS
 CN Benzamide, N-[2-(diethylamino)ethyl]-2-methoxy-4-[methyl[[[(4-phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



RN 617245-16-6 CAPLUS
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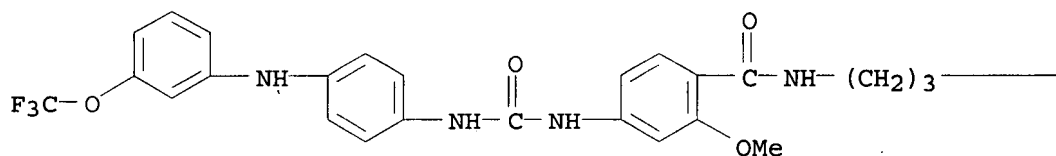


RN 617245-17-7 CAPLUS
 CN Benzamide, 2-methoxy-4-[[[[3-(phenylamino)phenyl]amino]carbonyl]amino]-N-[3-(1-piperidinyl)propyl]- (9CI) (CA INDEX NAME)

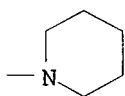


RN 617245-18-8 CAPLUS
 CN Benzamide, 2-methoxy-N-[3-(1-piperidinyl)propyl]-4-[[[4-[[3-(trifluoromethoxy)phenyl]amino]phenyl]amino]carbonyl]amino]- (9CI) (CA INDEX NAME)

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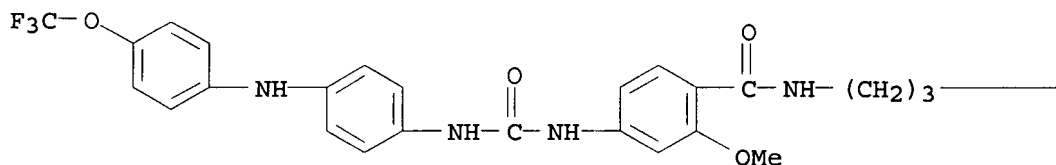


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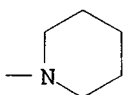


RN 617245-20-2 CAPLUS
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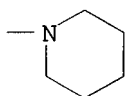
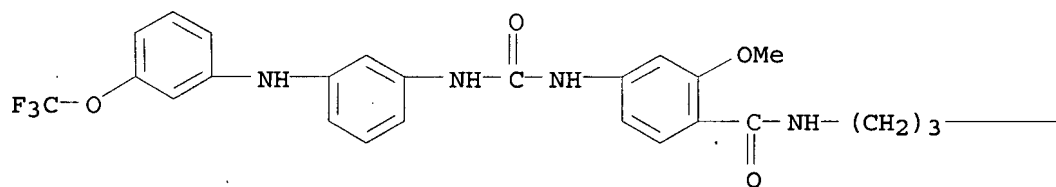
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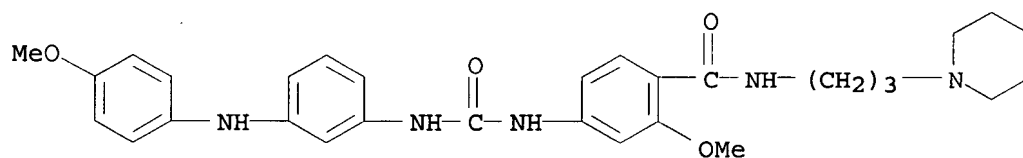
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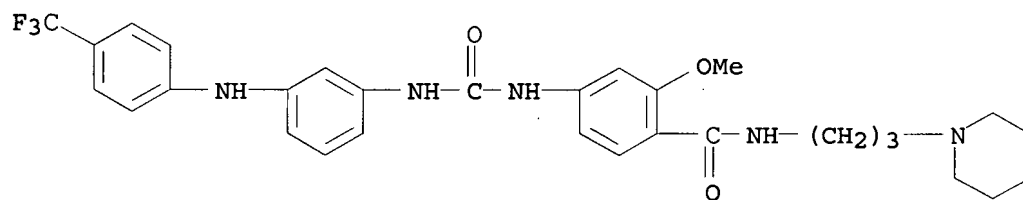
RN 617245-22-4 CAPLUS
 CN Benzamide, 2-methoxy-N-[3-(1-piperidinyl)propyl]-4-[[[3-[[3-(trifluoromethoxy)phenyl]amino]phenyl]amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



RN 617245-24-6 CAPLUS

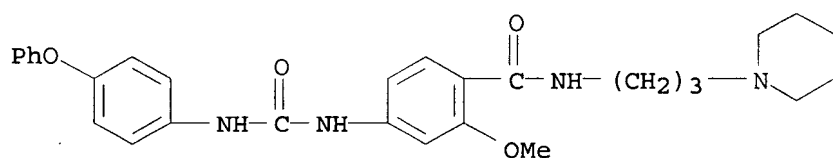
CN Benzamide, 2-methoxy-4-[[[3-[(4-methoxyphenyl)amino]phenyl]amino]carbonyl
amino]-N-[3-(1-piperidinyl)propyl]- (9CI) (CA INDEX NAME)

RN 617245-25-7 CAPLUS

CN Benzamide, 2-methoxy-N-[3-(1-piperidinyl)propyl]-4-[[[3-[[4-(trifluoromethyl)phenyl]amino]phenyl]amino]carbonyl]amino]- (9CI) (CA
INDEX NAME)

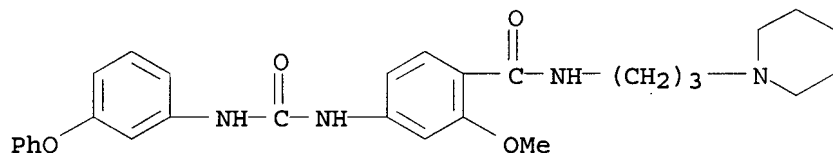
RN 617245-26-8 CAPLUS

CN Benzamide, 2-methoxy-4-[[[4-(phenoxyphenyl)amino]carbonyl]amino]-N-[3-(1-piperidinyl)propyl]- (9CI) (CA INDEX NAME)



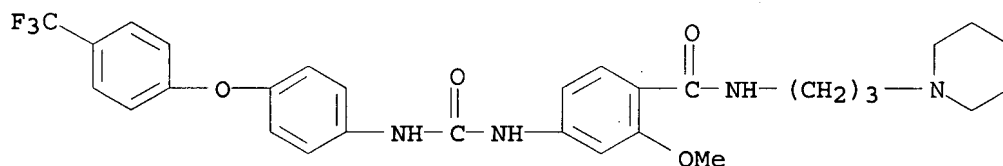
RN 617245-27-9 CAPLUS

CN Benzamide, 2-methoxy-4-[[[(3-phenoxyphenyl)amino]carbonyl]amino]-N-[3-(1-piperidinyl)propyl]- (9CI) (CA INDEX NAME)



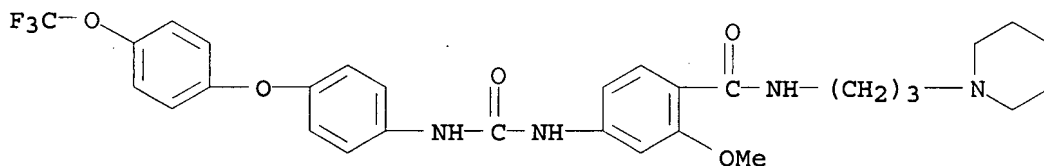
RN 617245-29-1 CAPLUS

CN Benzamide, 2-methoxy-N-[3-(1-piperidinyl)propyl]-4-[[[4-[4-(trifluoromethyl)phenoxy]phenyl]amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



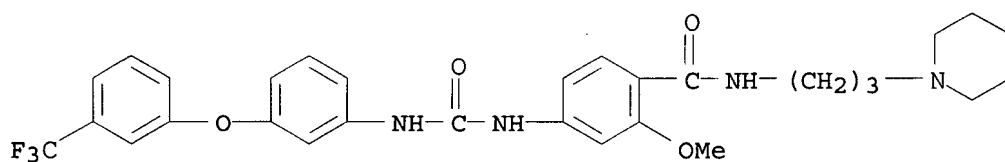
RN 617245-30-4 CAPLUS

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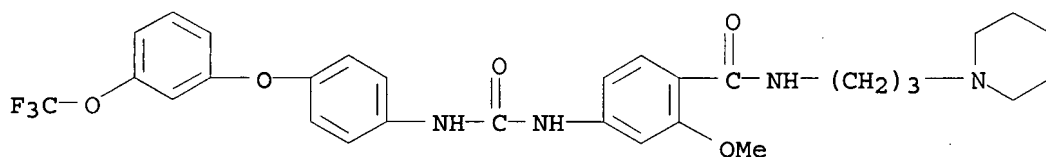
RN 617245-32-6 CAPLUS

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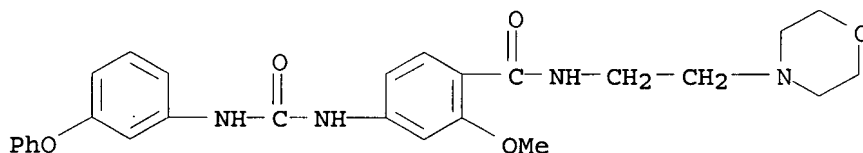
RN 617245-33-7 CAPLUS

CN Benzamide, 2-methoxy-N-[3-(1-piperidinyl)propyl]-4-[[[4-[3-(trifluoromethoxy)phenoxy]phenyl]amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



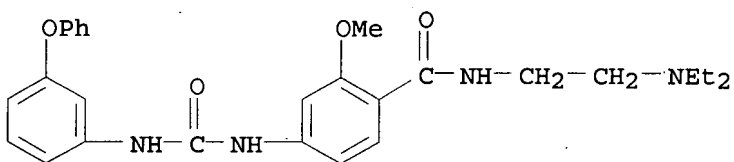
RN 617245-39-3 CAPLUS

CN Benzamide, 2-methoxy-N-[2-(4-morpholinyl)ethyl]-4-[[[3-(phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



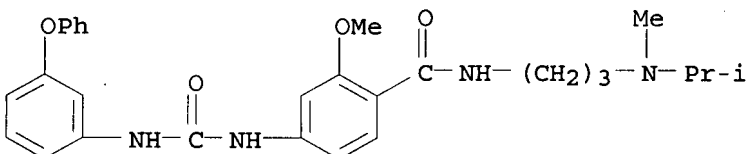
RN 617245-41-7 CAPLUS

CN Benzamide, N-[2-(diethylamino)ethyl]-2-methoxy-4-[[[3-(phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



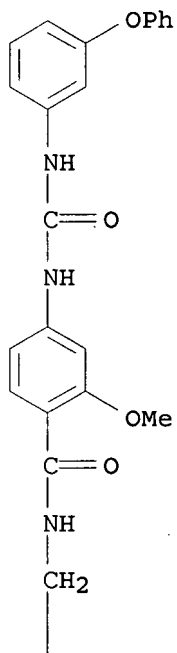
RN 617245-42-8 CAPLUS

CN Benzamide, 2-methoxy-N-[3-[methyl(1-methylethyl)amino]propyl]-4-[[[3-(phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)

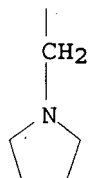


RN 617245-45-1 CAPLUS
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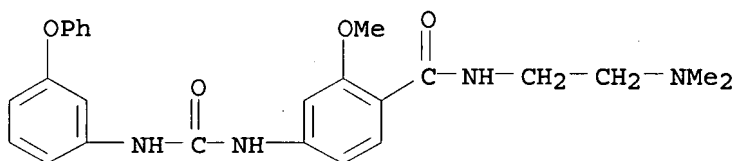
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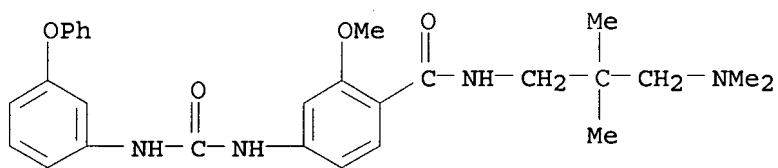


RN 617245-46-2 CAPLUS
 CN Benzamide, N-[2-(dimethylamino)ethyl]-2-methoxy-4-[[[(3-phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



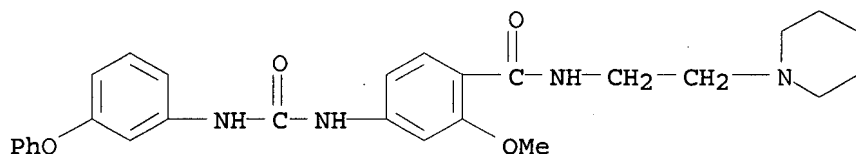
RN 617245-48-4 CAPLUS
 CN Benzamide, N-[3-(dimethylamino)-2,2-dimethylpropyl]-2-methoxy-4-[[[(3-

phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



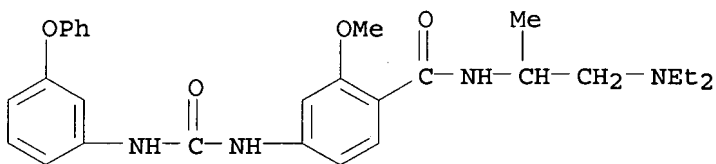
RN 617245-50-8 CAPLUS

CN Benzamide, 2-methoxy-4-[[[(3-phenoxyphenyl)amino]carbonyl]amino]-N-[2-(1-piperidinylethyl)]- (9CI) (CA INDEX NAME)



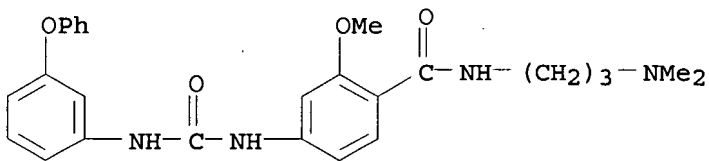
RN 617245-51-9 CAPLUS

CN Benzamide, N-[2-(diethylamino)-1-methylethyl]-2-methoxy-4-[[[(3-phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



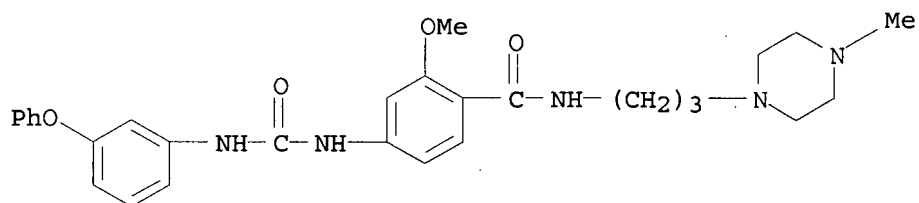
RN 617245-52-0 CAPLUS

CN Benzamide, N-[3-(dimethylamino)propyl]-2-methoxy-4-[[[(3-phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



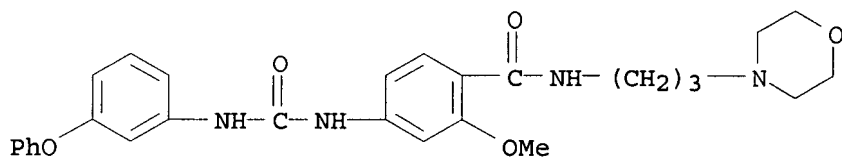
RN 617245-53-1 CAPLUS

CN Benzamide, 2-methoxy-N-[3-(4-methyl-1-piperazinyl)propyl]-4-[[[(3-phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



RN 617245-56-4 CAPLUS

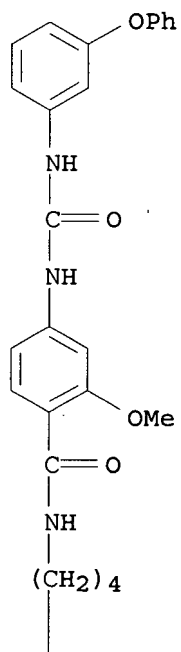
CN Benzamide, 2-methoxy-N-[3-(4-morpholinyl)propyl]-4-[[[(3-phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)

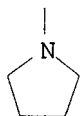


RN 617245-57-5 CAPLUS

CN Benzamide, 2-methoxy-4-[[[(3-phenoxyphenyl)amino]carbonyl]amino]-N-[4-(1-pyrrolidinyl)butyl]- (9CI) (CA INDEX NAME)

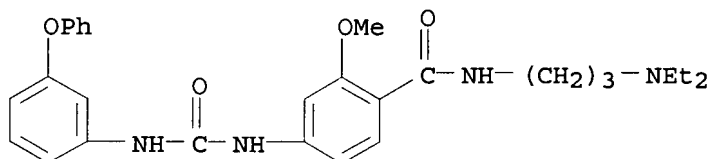
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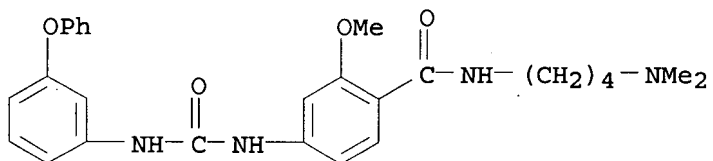
RN 617245-58-6 CAPLUS

CN Benzamide, N-[3-(diethylamino)propyl]-2-methoxy-4-[[[(3-phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



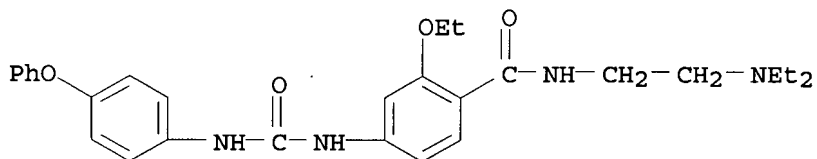
RN 617245-59-7 CAPLUS

CN Benzamide, N-[4-(dimethylamino)butyl]-2-methoxy-4-[[[(3-phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



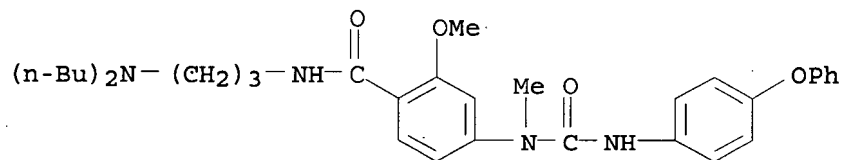
RN 617245-67-7 CAPLUS

CN Benzamide, N-[2-(diethylamino)ethyl]-2-ethoxy-4-[[[(4-phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



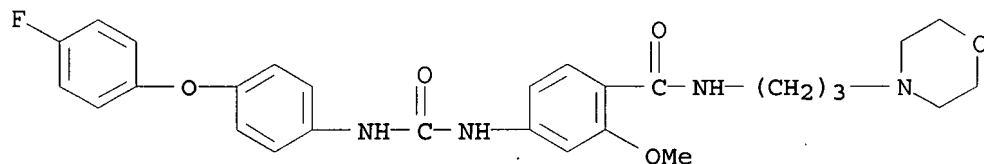
RN 617245-69-9 CAPLUS

CN Benzamide, N-[3-(dibutylamino)propyl]-2-methoxy-4-[methyl[[[(4-phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



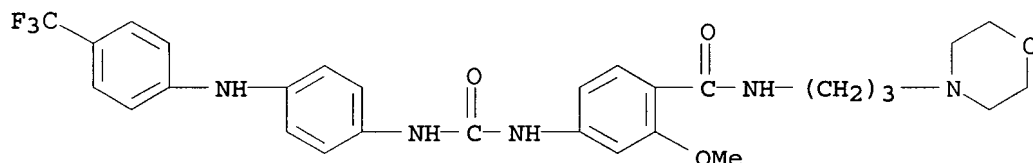
RN 617245-70-2 CAPLUS

CN Benzamide, 4-[[[4-(4-fluorophenoxy)phenyl]amino]carbonyl]amino]-2-methoxy-N-[3-(4-morpholinyl)propyl]- (9CI) (CA INDEX NAME)



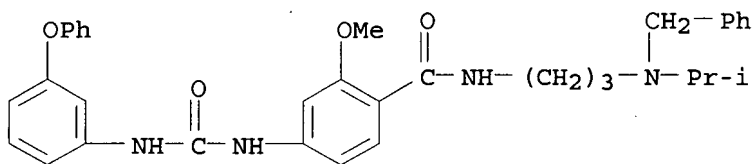
RN 617245-72-4 CAPLUS

CN Benzamide, 2-methoxy-N-[3-(4-morpholinyl)propyl]-4-[[[4-[[4-(trifluoromethyl)phenyl]amino]phenyl]amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



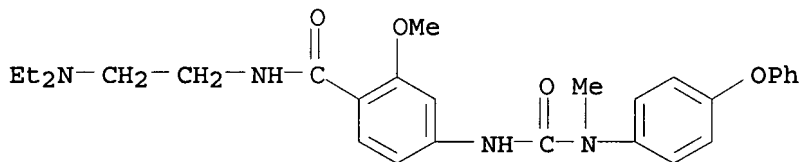
RN 617245-87-1 CAPLUS

CN Benzamide, 2-methoxy-N-[3-[(1-methylethyl)(phenylmethyl)amino]propyl]-4-[[[(3-phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



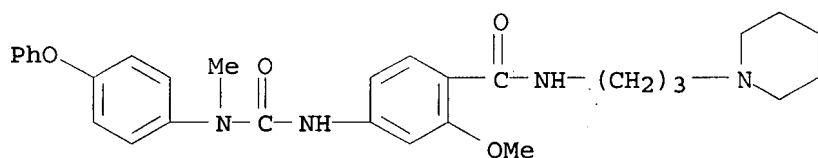
RN 617246-05-6 CAPLUS

CN Benzamide, N-[2-(diethylamino)ethyl]-2-methoxy-4-[[[methyl(4-phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)

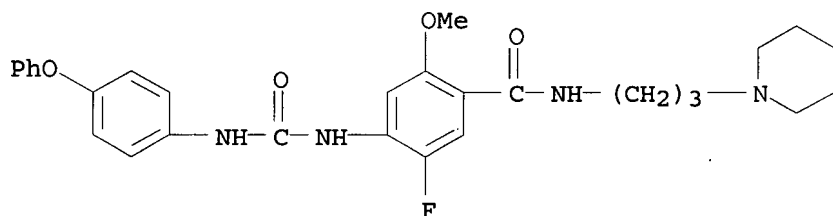


RN 617246-06-7 CAPLUS

CN Benzamide, 2-methoxy-4-[[[methyl(4-phenoxyphenyl)amino]carbonyl]amino]-N-[3-(1-piperidinyl)propyl]- (9CI) (CA INDEX NAME)



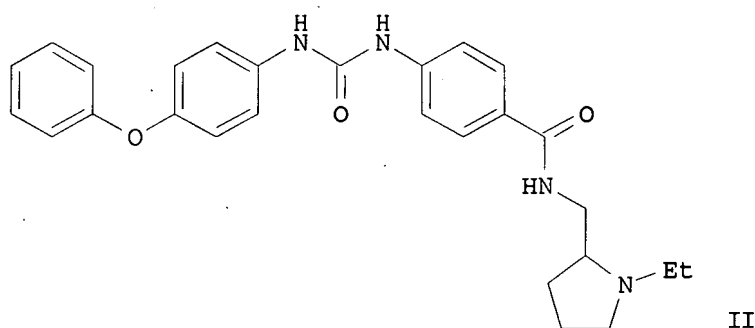
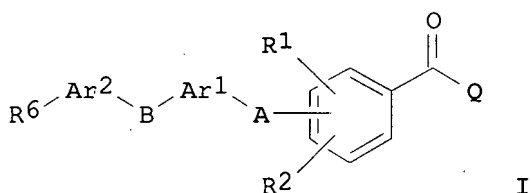
IT 617246-16-9P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (intermediate; preparation of methoxybenzamides as MCH receptor modulators
 for treatment of obesity, depression, diabetes, bulimia, and related
 disorders)
 RN 617246-16-9 CAPLUS
 CN Benzamide, 5-fluoro-2-methoxy-4-[[[(4-phenoxyphenyl)amino]carbonyl]amino]-
 N-[3-(1-piperidinyl)propyl]- (9CI) (CA INDEX NAME)



RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2003:837034 CAPLUS <<LOGINID::20070605>>
 DN 139:337786
 TI Preparation of novel benzamides for use in MCH receptor related disorders
 IN Ulven, Trond; Hoegberg, Thomas; Elling, Christian E.; Norregaard, Pia
 Karina; Bjurling, Anna Emelie; Receveur, Jean-Marie; Little, Paul Brian
 PA 7TM Pharma A/S, Den.
 SO PCT Int. Appl., 63 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003087044	A2	20031023	WO 2003-DK232	20030408
	WO 2003087044	A3	20041104		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU	2003226927	A1	20031027	AU 2003-226927	20030408
PRAI	DK 2002-518	A	20020409		
	DK 2002-757	A	20020516		
	WO 2003-DK232	W	20030408		



AB Title compds. I [wherein A = a linker, e.g. CHR7CONR7, CONR7, OCONR7, SO2NR7, CHR7NR7CO, NR7CONR7, hexahydro-2-oxo-pyrimidine-1,3-diyl, 2-oxoimidazolidine-1,3-diyl, 1,2,4-oxadiazole-diyl, 1,3,4-oxadiazole-diyl, (un)substituted imidazole-diyl or 1,2,4-triazole-diyl, CH=CH, OCHR7, NR7CHR7, or SCHR7; B = CH2, OCH2, O, SO2, NR7, S, NR7CH2, SCH2, CONR7, SO2NR7, CO, or CHOR7; Ar1 and Ar2 = independently (hetero)aryl; R1 and R2 = independently H, halo, CF3, OCF3, SCF3, SMe, nitrile, alkyl, alkenyl, or alkynyl; or R1 and R2 may be connected to each other to form annelated rings; R5 and R6 = independently H, halo, alkoxy, OH, (di)alkylamino, hydroxyalkyl, carboxamido, acyl(amido), CHO, nitrile, alkyl, alkenyl, alkynyl, SMe, (fluoro)alkyl, (fluoro)alkoxy, (fluoro)thioalkoxy, SO2NH2, (di)alkylaminosulfonyl, or alkylsulfonyl; more than one R5 and/or R6 may be present; Q = substituted amino; R7 = independently H, alkyl, or alkenyl; n = 1-3; and physiol. acceptable salts, complexes, solvates, and prodrugs thereof] were prepared as melanin-concentrating hormone (MCH) receptor modulators. For example, coupling of 4-aminobenzoic acid with 4-phenoxyphenyl isocyanate in DCM gave 4-[3-(4-phenoxyphenyl)ureido]benzoic acid (79%). Condensation of the acid with 2-(aminomethyl)-1-ethylpyrrolidine afforded the ureidobenzamide II (34%). In assays of [¹²⁵I]-MCH binding and phosphatidylinositol turnover using transiently transfected COS-7 cells or stably transfected CHO cells expressing the human MCH-1 receptor, II exhibited activity with IC50 values of 0.25 μ M and 1.3 μ M, resp. Thus, I and their pharmaceutical compns. are useful in the treatment or prevention of obesity, depression, diabetes, bulimia, and other MCH receptor related disorders (no data).

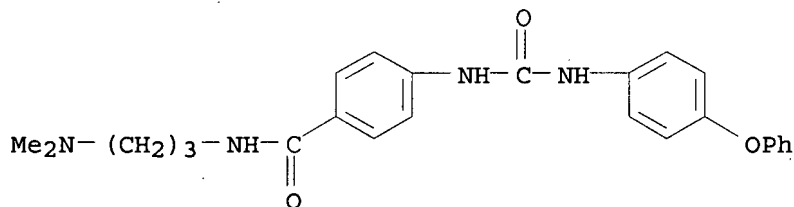
IT 617246-49-8P 617246-50-1P 617246-51-2P
617246-52-3P 617246-53-4P 617246-56-7P
617246-59-0P 617246-60-3P 617246-61-4P
617246-62-5P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(MCH receptor modulator; preparation of benzamides as MCH receptor modulators for treatment of obesity, depression, diabetes, bulimia, and related disorders)

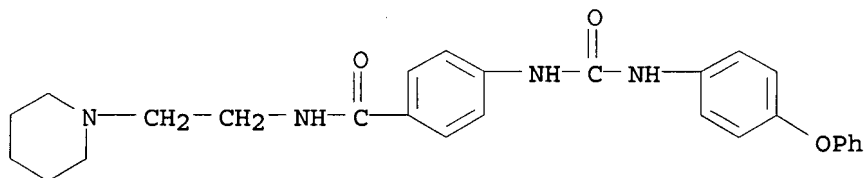
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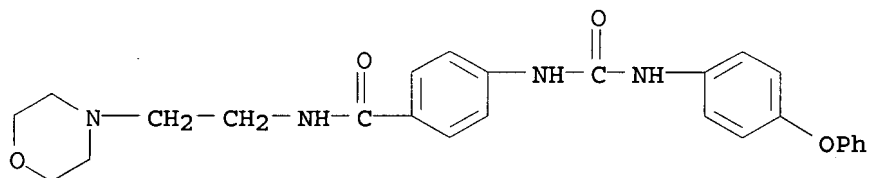
RN 617246-50-1 CAPLUS

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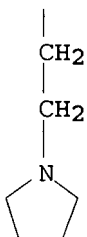
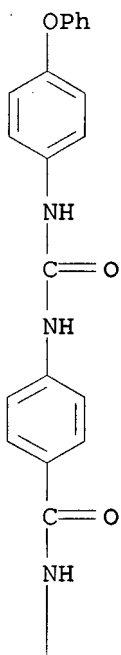
RN 617246-51-2 CAPLUS

CN Benzamide, N-[2-(4-morpholinyl)ethyl]-4-[[[(4-phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)

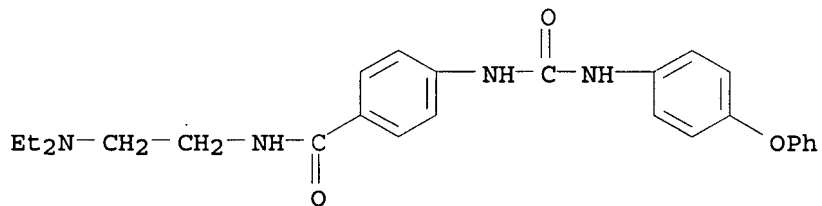


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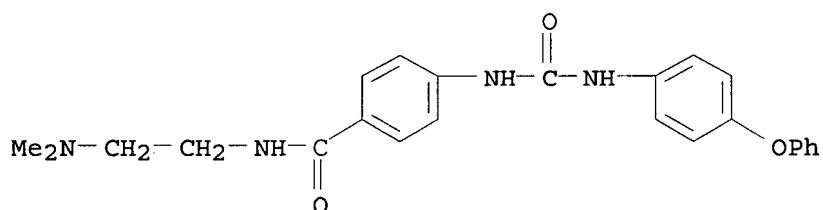
CN Benzamide, 4-[[[(4-phenoxyphenyl)amino]carbonyl]amino]-N-[2-(1-pyrrolidinyl)ethyl]- (9CI) (CA INDEX NAME)



RN 617246-53-4 CAPLUS
 CN Benzamide, N-[2-(diethylamino)ethyl]-4-[[[(4-phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)

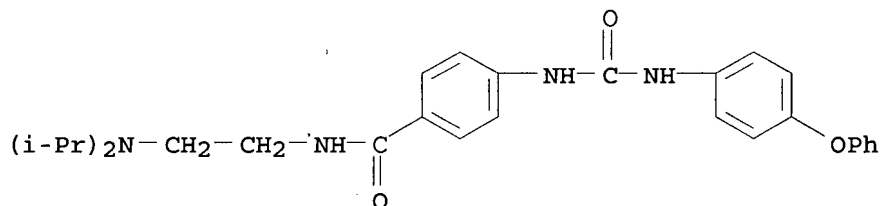


RN 617246-56-7 CAPLUS
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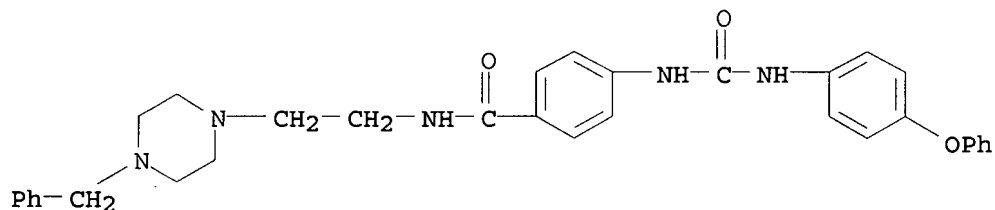
RN 617246-59-0 CAPLUS

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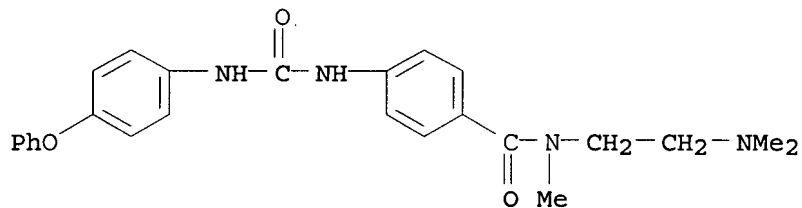
RN 617246-60-3 CAPLUS

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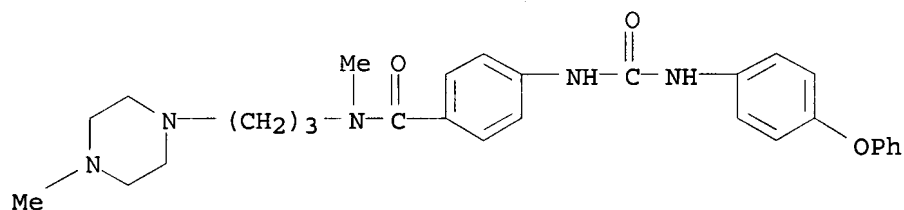
RN 617246-61-4 CAPLUS

CN Benzamide, N-[2-(dimethylamino)ethyl]-N-methyl-4-[[[(4-phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



RN 617246-62-5 CAPLUS

CN Benzamide, N-methyl-N-[3-(4-methyl-1-piperazinyl)propyl]-4-[[[(4-phenoxyphenyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



=> log hold

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

32.09

223.47

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-4.68

-4.68

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 08:06:14 ON 05 JUN 2007

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptasjll626

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *

SESSION RESUMED IN FILE 'CAPLUS' AT 08:06:30 ON 05 JUN 2007

FILE 'CAPLUS' ENTERED AT 08:06:30 ON 05 JUN 2007

COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

32.09

223.47

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-4.68

-4.68

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FILE 'CAPLUS' ENTERED AT 06:36:30 ON 05 JUN 2007

L1 1 S US2001-510907/APPS

FILE 'REGISTRY' ENTERED AT 06:36:36 ON 05 JUN 2007

FILE 'CAPLUS' ENTERED AT 06:36:39 ON 05 JUN 2007

L2 TRA L1 1- RN : 274 TERMS

FILE 'REGISTRY' ENTERED AT 06:36:39 ON 05 JUN 2007

L3 274 SEA L2

FILE 'REGISTRY' ENTERED AT 08:04:37 ON 05 JUN 2007

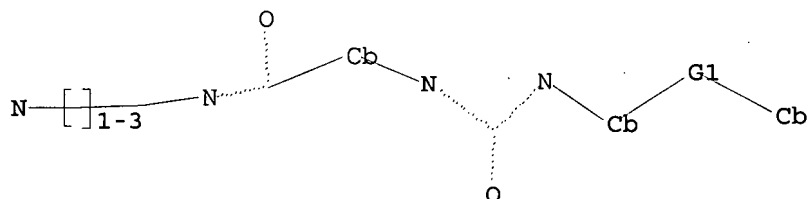
L4 STRUCTURE UPLOADED

L5 1 S L4
L6 66 S L4 SSS FULL

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L7 6 S L6

=> d l4
L4 HAS NO ANSWERS
L4 STR



G1 O,N

Structure attributes must be viewed using STN Express query preparation.

=> log hold

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
32.56	223.94

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
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CA SUBSCRIBER PRICE

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 08:06:53 ON 05 JUN 2007

=> d his

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L3 0 S 7115750/PN
L4 1 S US7115750/PN

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FILE 'CAPLUS' ENTERED AT 11:35:56 ON 05 JUN 2007

L5 1 S US7067506/PN
L6 2 S L4 OR L5

FILE 'REGISTRY' ENTERED AT 11:37:12 ON 05 JUN 2007

L7 FILE 'CAPLUS' ENTERED AT 11:37:16 ON 05 JUN 2007
TRA L6 1- RN : 1000 TERMS

L8 FILE 'REGISTRY' ENTERED AT 11:37:17 ON 05 JUN 2007
1000 SEA L7

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L9 FILE 'REGISTRY' ENTERED AT 11:38:36 ON 05 JUN 2007
STRUCTURE UPLOADED
L10 88 S L9 SSS FULL SUB=L8

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L11 FILE 'REGISTRY' ENTERED AT 11:41:51 ON 05 JUN 2007
STRUCTURE UPLOADED
L12 STRUCTURE UPLOADED
L13 0 S L1 SUB=L10 SSS FULL

FILE 'STNGUIDE' ENTERED AT 11:42:50 ON 05 JUN 2007

FILE 'CAPLUS' ENTERED AT 11:43:01 ON 05 JUN 2007

L14 FILE 'REGISTRY' ENTERED AT 11:43:04 ON 05 JUN 2007
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L15 0 S L12 SSS FULL SUB=L10

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1 S L14

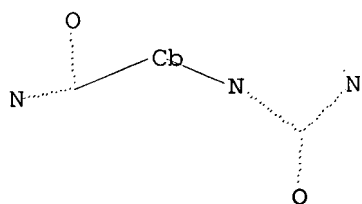
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FILE 'REGISTRY' ENTERED AT 11:44:32 ON 05 JUN 2007

=> d 19

L9 HAS NO ANSWERS

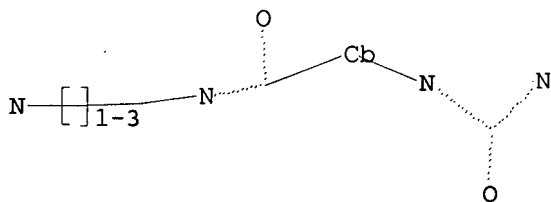
L9 STR



G1 O,N

Structure attributes must be viewed using STN Express query preparation.

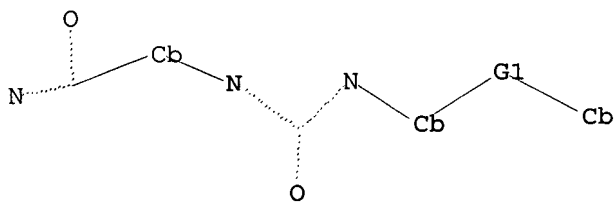
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 L11 STR



G1 O,N

Structure attributes must be viewed using STN Express query preparation.

=> d l12
 L12 HAS NO ANSWERS
 L12 STR



G1 O,N

Structure attributes must be viewed using STN Express query preparation.

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=> d l16 bib abs hitstr

L16 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2002:695962 CAPLUS
DN 137:232680
TI Preparation of aryl and heteroaryl urea selective Chk1 inhibitors for use
as radiosensitizers and chemosensitizers for treating diseases and
conditions related to DNA damage or lesions in DNA replication
IN Keegan, Kathleen S.; Kesicki, Edward A.; Gaudino, John Joseph; Cook, Adam
Wade; Cowen, Scott Douglas; Burgess, Laurence Edward
PA Icos Corporation, USA
SO PCT Int. Appl., 236 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002070494	A1	20020912	WO 2002-US6452	20020301
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2439709	A1	20020912	CA 2002-2439709	20020301
	AU 2002258451	A1	20020919	AU 2002-258451	20020301
	US 2003069284	A1	20030410	US 2002-87715	20020301
	US 7067506	B2	20060627		
	EP 1379510	A1	20040114	EP 2002-728396	20020301
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	JP 2004523568	T	20040805	JP 2002-569814	20020301
	BR 2002007811	A	20050201	BR 2002-7811	20020301
	NZ 527787	A	20051223	NZ 2002-527787	20020301
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	IN 2003CN01354	A	20051125	IN 2003-CN1354	20030828
	NO 2003003858	A	20031010	NO 2003-3858	20030901
	US 2005245525	A1	20051103	US 2005-115993	20050427
PRAI	US 2001-273124P	P	20010302		
	US 2002-87715	A3	20020301		
	WO 2002-US6452	W	20020301		

OS MARPAT 137:232680

AB Aryl- and heteroaryl substituted urea compds. (W'NHC(:Y')N(R13)Z'; 1) useful in the treatment of diseases and conditions related to DNA damage or lesions in DNA replication are disclosed. In 1, W' is a six-membered aromatic ring containing at least 2 nitrogen atoms (e.g. pyrazinyl, pyrimidinyl, pyridazinyl, 1,2,4-triazinyl, quinoxaliny) and optionally substituted as defined in the claims, Z' is a five- or six membered aromatic or heteroarom. ring as defined in the claims, Y' is O or S. The first claim contains a much more general formula WX1C(:Y)X2Z (e.g. X1 = null, O, S, CH2, NR1; X2 = O, S, NR1) but emphasis is on 1. Methods of making the compds., and their use as therapeutic agents, for example, in treating cancer and other diseases characterized by defects in DNA replication, chromosome segregation, or cell division also are described. Although the methods of preparation are not claimed, about 200 example prepns. are included. N-(2-methoxy-5-methylphenyl)-N'-(2-pyrazinyl)urea and N-(4-chloro-2-methoxyphenyl)-N'-(2-pyrazinyl)urea enhanced the killing of various human cells by 5-fluorouracil from 2- to 10-fold; in HeLa cells, these same

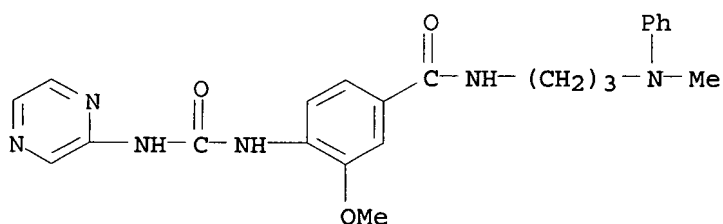
comps. enhanced killing by irradiation 2-3 fold.

IT 457097-05-1P, 3-Methoxy-N-[3-(methylphenylamino)propyl]-4-(3-(pyrazin-2-yl)ureido)benzamide 457097-16-4P, N-(2-Dimethylaminoethyl)-3-methoxy-N-methyl-4-(3-(pyrazin-2-yl)ureido)benzamide 457097-18-6P, 3-Methoxy-N-(3-methylaminopropyl)-4-(3-(pyrazin-2-yl)ureido)benzamide 457097-21-1P**
*, N-(3-Dimethylaminopropyl)-3-methoxy-4-(3-(pyrazin-2-yl)ureido)benzamide ***457097-23-3P, N-(3-Dimethylaminopropyl)-3-methoxy-N-methyl-4-(3-(pyrazin-2-yl)ureido)benzamide 457097-25-5P, 3-Methoxy-N-(3-(morpholin-4-yl)propyl)-4-(3-(pyrazin-2-yl)ureido)benzamide 457097-27-7P, 3-Methoxy-N-[3-(4-methylpiperazin-1-yl)propyl]-4-(3-(pyrazin-2-yl)ureido)benzamide 457097-29-9P, [2-[3-Methoxy-4-(3-(pyrazin-2-yl)ureido)benzoylamino]ethyl]trimethylammonium chloride 457097-44-8P, 4-Methoxy-N-[3-(methylphenylamino)propyl]-3-(3-(pyrazin-2-yl)ureido)benzamide 457097-46-0P, N-(2-Dimethylaminoethyl)-4-methoxy-N-methyl-3-(3-(pyrazin-2-yl)ureido)benzamide 457097-47-1P, 4-Methoxy-N-(3-methylaminopropyl)-3-(3-(pyrazin-2-yl)ureido)benzamide 457097-48-2P, N-(3-Dimethylaminopropyl)-4-methoxy-3-(3-(pyrazin-2-yl)ureido)benzamide 457097-49-3P, N-(3-Dimethylaminopropyl)-4-methoxy-N-methyl-3-(3-(pyrazin-2-yl)ureido)benzamide 457097-50-6P, 4-Methoxy-N-[3-(4-methylpiperazin-1-yl)propyl]-3-(3-(pyrazin-2-yl)ureido)benzamide 457097-51-7P, [2-[4-Methoxy-3-(3-(pyrazin-2-yl)ureido)benzoylamino]ethyl]trimethylammonium chloride 457097-52-8P, 4-Methoxy-N-(3-(morpholin-4-yl)propyl)-3-(3-(pyrazin-2-yl)ureido)benzamide 457097-61-9P, N-(3-Dimethylaminopropyl)-3-methoxy-4-[3-(5-methylpyrazin-2-yl)ureido]benzamide 457097-63-1P, 3-Methoxy-4-[3-(5-methylpyrazin-2-yl)ureido]-N-(3-(morpholin-4-yl)propyl)benzamide 457097-65-3P, N-(2-(Dimethylamino)-2-phenylethyl)-3-methoxy-4-[3-(5-methylpyrazin-2-yl)ureido]benzamide 457097-68-6P, N-(2-(Dimethylamino)-1-phenylethyl)-3-methoxy-4-[3-(5-methylpyrazin-2-yl)ureido]benzamide 457098-25-8P, 3-(3-Dimethylaminopropoxy)-4-[3-(5-methylpyrazin-2-yl)ureido]-N-(2-(morpholin-4-yl)ethyl)benzamide 457098-27-0P, N-(2-Dimethylaminoethyl)-3-(3-dimethylaminopropoxy)-4-[3-(5-methylpyrazin-2-yl)ureido]benzamide 457098-34-9P, 4-[3-(5-Methylpyrazin-2-yl)ureido]-N-(2-(morpholin-4-yl)ethyl)-3-(pyridin-3-ylmethoxy)benzamide 457098-36-1P, N-(2-Dimethylaminoethyl)-4-[3-(5-methylpyrazin-2-yl)ureido]-3-(pyridin-3-ylmethoxy)benzamide 457099-93-3P, N-(2-Methoxy-3-((2-(4-morpholinyl)ethyl)carbamoyl)phenyl)-N'-(2-pyrazinyl)urea 457099-96-6P, N-(2-Methoxy-4-((2-(4-morpholinyl)ethyl)carbamoyl)phenyl)-N'-(2-pyrazinyl)urea 457099-98-8P, N-(2-Methoxy-4-((2-((methylsulfonyl)amino)ethyl)carbamoyl)phenyl)-N'-(2-pyrazinyl)urea
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of aryl and heteroaryl urea selective Chk1 inhibitors for use as radiosensitizers and chemosensitizers for treating diseases and conditions related to DNA damage or lesions in DNA replication)

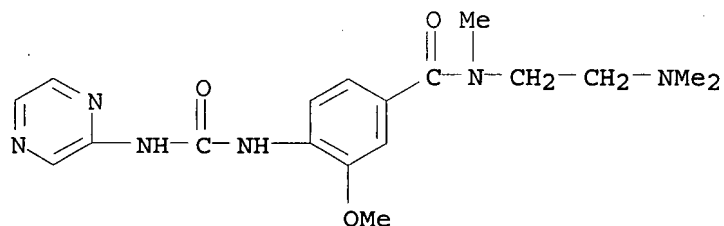
RN 457097-05-1 CAPLUS

CN Benzamide, 3-methoxy-N-[3-(methylphenylamino)propyl]-4-[[pyrazinylamino]carbonyl]amino]- (9CI) (CA INDEX NAME)



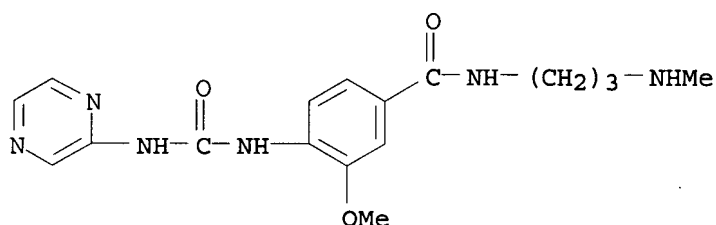
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[[pyrazinylamino)carbonyl]amino]- (9CI) (CA INDEX NAME)



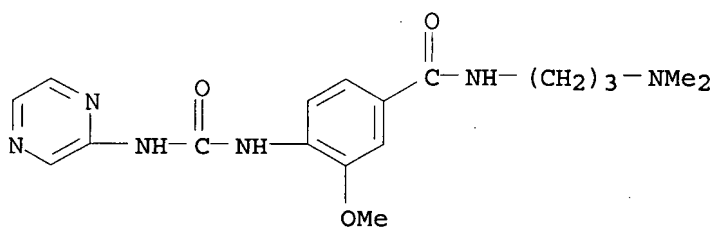
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CN Benzamide, 3-methoxy-N-[3-(methylamino)propyl]-4-
[[pyrazinylamino)carbonyl]amino]- (9CI) (CA INDEX NAME)



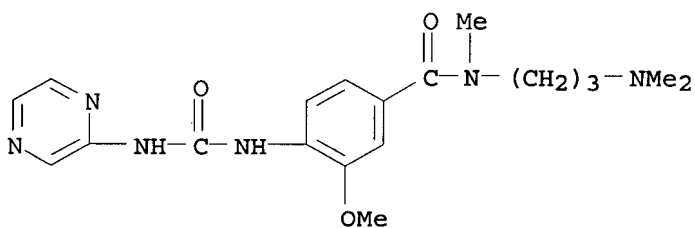
RN 457097-21-1 CAPLUS

CN Benzamide, N-[3-(dimethylamino)propyl]-3-methoxy-4-
[[pyrazinylamino)carbonyl]amino]- (9CI) (CA INDEX NAME)



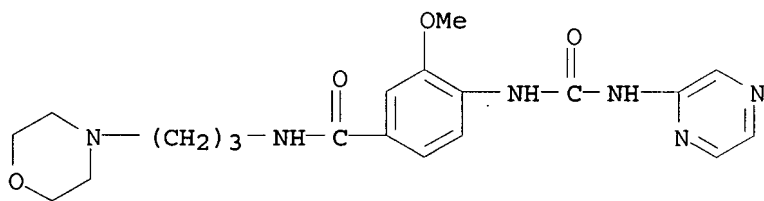
RN 457097-23-3 CAPLUS

CN Benzamide, N-[3-(dimethylamino)propyl]-3-methoxy-N-methyl-4-
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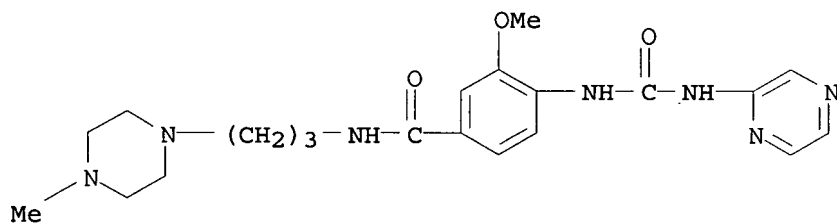
RN 457097-25-5 CAPLUS

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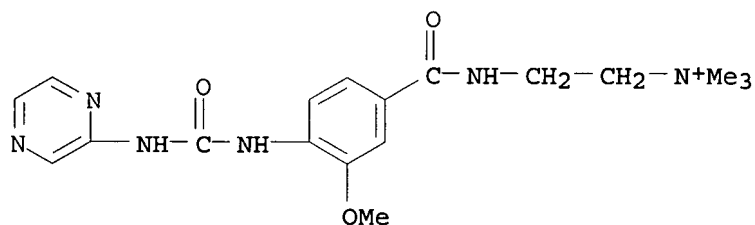
RN 457097-27-7 CAPLUS

CN Benzamide, 3-methoxy-N-[3-(4-methyl-1-piperazinyl)propyl]-4-[[pyrazinylamino]carbonylamino]- (9CI) (CA INDEX NAME)



RN 457097-29-9 CAPLUS

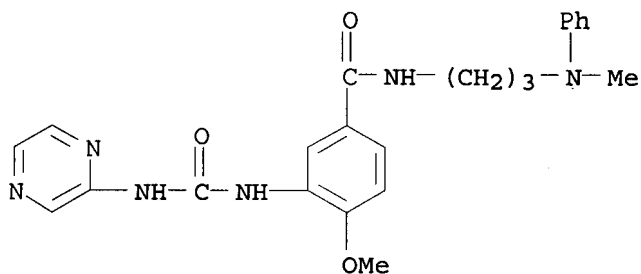
CN Ethanaminium, 2-[[3-methoxy-4-[[pyrazinylamino]carbonylamino]benzoyl]amino]-N,N,N-trimethyl-, chloride (9CI) (CA INDEX NAME)



● Cl⁻

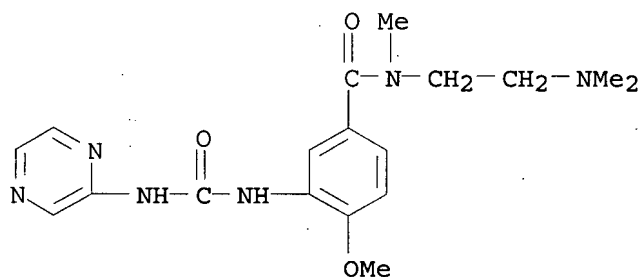
RN 457097-44-8 CAPLUS

CN Benzamide, 4-methoxy-N-[3-(methylphenylamino)propyl]-3-[[pyrazinylamino]carbonylamino]- (9CI) (CA INDEX NAME)

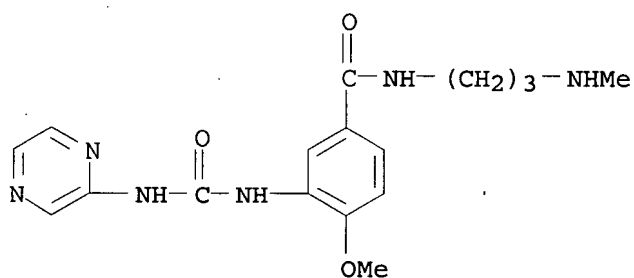


RN 457097-46-0 CAPLUS

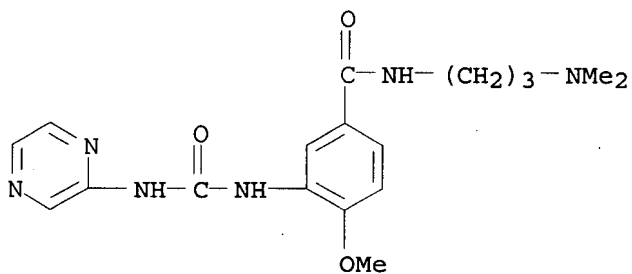
CN Benzamide, N-[2-(dimethylamino)ethyl]-4-methoxy-N-methyl-3-[[pyrazinylamino]carbonylamino]- (9CI) (CA INDEX NAME)



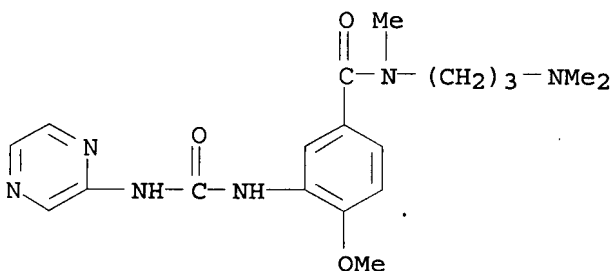
RN 457097-47-1 CAPLUS
 CN Benzamide, 4-methoxy-N-[3-(methylamino)propyl]-3-
 [[(pyrazinylamino)carbonyl]amino]- (9CI) (CA INDEX NAME)



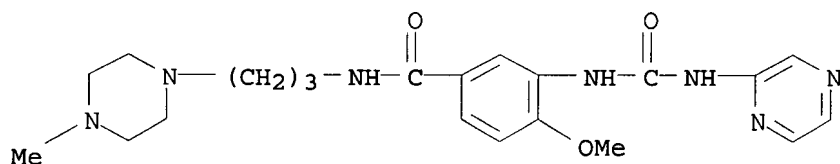
RN 457097-48-2 CAPLUS
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 [[(pyrazinylamino)carbonyl]amino]- (9CI) (CA INDEX NAME)



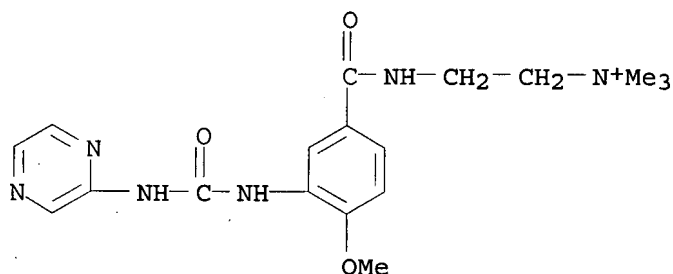
RN 457097-49-3 CAPLUS
 CN Benzamide, N-[3-(dimethylamino)propyl]-4-methoxy-N-methyl-3-
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RN 457097-50-6 CAPLUS
 CN Benzamide, 4-methoxy-N-[3-(4-methyl-1-piperazinyl)propyl]-3-
 [[(pyrazinylamino)carbonyl]amino]- (9CI) (CA INDEX NAME)

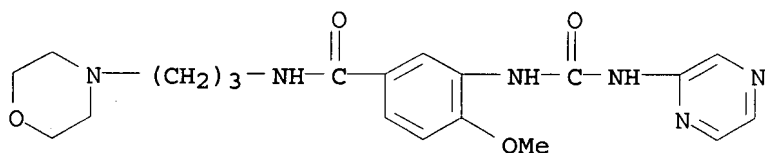


RN 457097-51-7 CAPLUS
 CN Ethanaminium, 2-[[4-methoxy-3-[[pyrazinylamino]carbonyl]amino]benzoyl]ami
 no]-N,N,N-trimethyl-, chloride (9CI) (CA INDEX NAME)

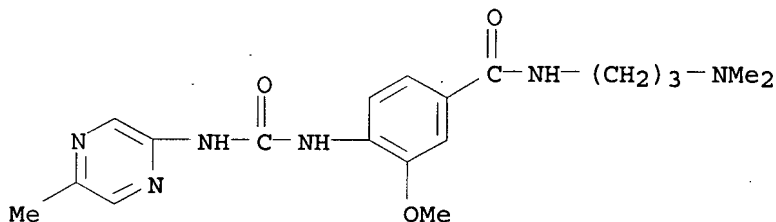


● Cl⁻

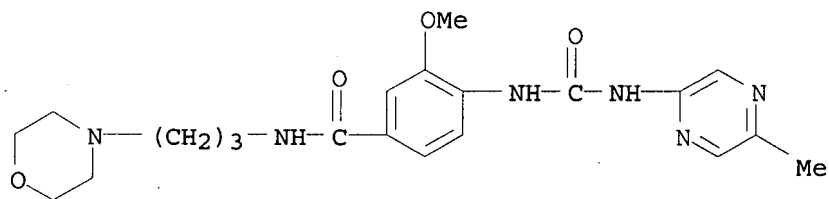
RN 457097-52-8 CAPLUS
 CN Benzamide, 4-methoxy-N-[3-(4-morpholinyl)propyl]-3-
 [[(pyrazinylamino)carbonyl]amino]- (9CI) (CA INDEX NAME)



RN 457097-61-9 CAPLUS
 CN Benzamide, N-[3-(dimethylamino)propyl]-3-methoxy-4-[[[(5-
 methylpyrazinyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)

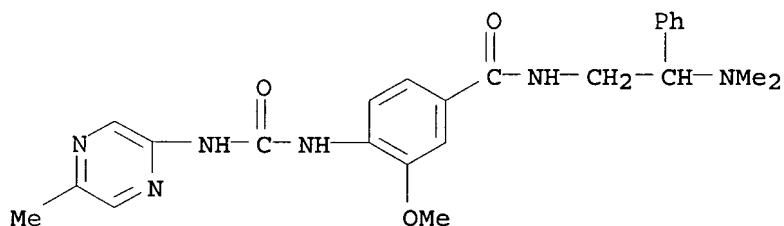


RN 457097-63-1 CAPLUS
 CN Benzamide, 3-methoxy-4-[[[(5-methylpyrazinyl)amino]carbonyl]amino]-N-[3-(4-
 morpholinyl)propyl]- (9CI) (CA INDEX NAME)



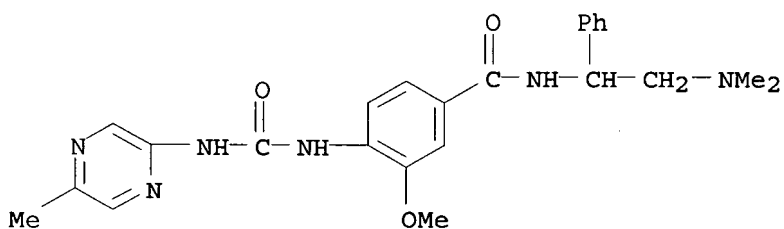
RN 457097-65-3 CAPLUS

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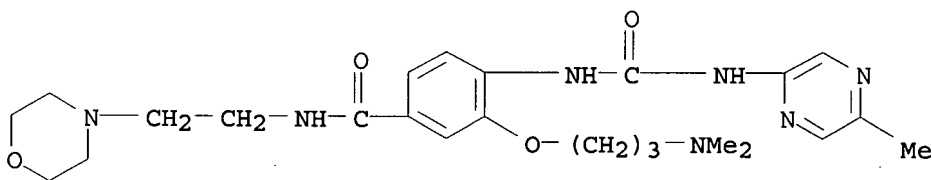
RN 457097-68-6 CAPLUS

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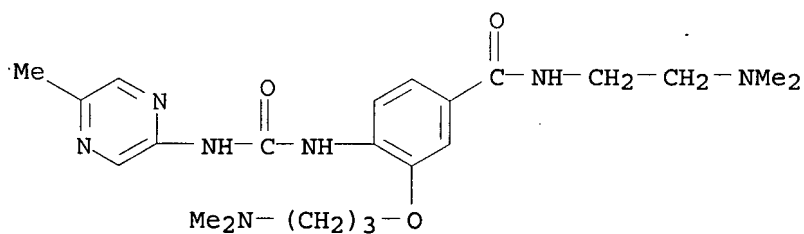
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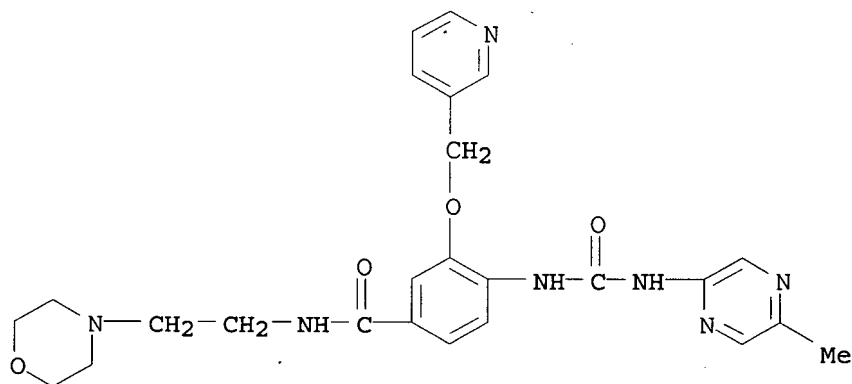
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CN Benzamide, N-[2-(dimethylamino)ethyl]-3-[3-(dimethylamino)propoxy]-4-[[[(5-methylpyrazinyl)amino]carbonyl]amino]- (9CI) (CA INDEX NAME)



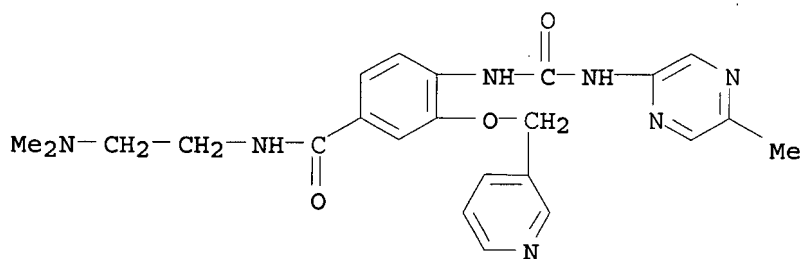
RN 457098-34-9 CAPLUS

CN Benzamide, 4-[[[(5-methylpyrazinyl)amino]carbonyl]amino]-N-[2-(4-morpholinyl)ethyl]-3-(3-pyridinylmethoxy)- (9CI) (CA INDEX NAME)



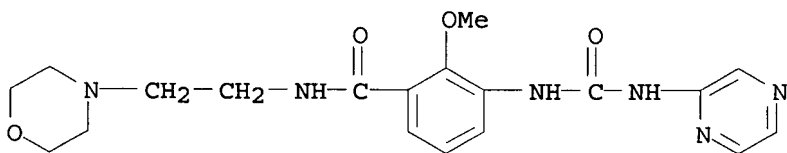
RN 457098-36-1 CAPLUS

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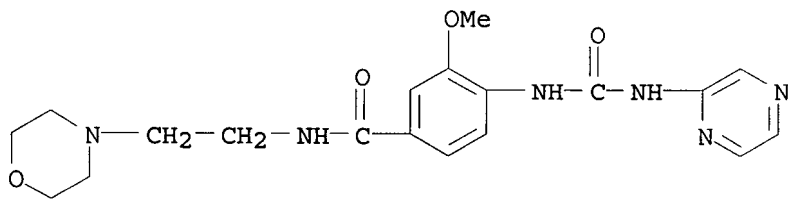
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CN Benzamide, 2-methoxy-N-[2-(4-morpholinyl)ethyl]-3-[[[(pyrazinylamino)carbonyl]amino]- (9CI) (CA INDEX NAME)



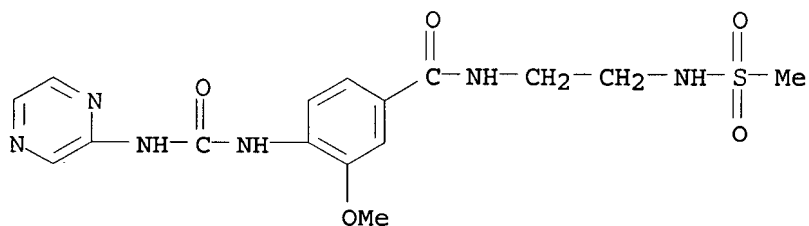
RN 457099-96-6 CAPLUS

CN Benzamide, 3-methoxy-N-[2-(4-morpholinyl)ethyl]-4-[[[(pyrazinylamino)carbonyl]amino]- (9CI) (CA INDEX NAME)



RN 457099-98-8 CAPLUS

CN Benzamide, 3-methoxy-N-[2-[(methanesulfonyl)amino]ethyl]-4-
[[pyrazinylamino]carbonyl]amino]- (9CI) (CA INDEX NAME)



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